

ABSTRACT

A method for making a plate-like fibre-reinforced product to be used as building or packing material, the method comprising: placing fibres on a lower laminate; applying a binding agent on the fibres so that the fibres are surrounded by the binding agent; transferring the fibres with binding agent between the lower laminate and an upper laminate between lower and upper rotating pressing plates (4, 3); allowing the binding agent to foam up, expand and harden between the upper and lower pressing plates. In order to economically manufacture such a product with desired physical and mechanical properties, the method comprises the steps according to which the fibres are made into a three-dimensional cohesive fibre mat of fibres bound together, the fibre mat having a moisture content of 5% at the most before the binding agent is applied onto the fibre mat, the binding agent is applied onto the fibre mat and the obtained mixture is subjected to a pressure of at least 0.8 bar and 5 bar at the most and is allowed to harden to a plate-like product having a thickness of 10 to 150 mm; and the lower and upper laminate are removed from the hardening product. The invention also relates to a manufacturing apparatus and a plate-like product.

(Figure 1)